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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Svendsen et al.      Serial No.: 09/327,563  
Confirmation No.:      Group Art Unit: 1652  
Filed: June 8, 1999      Examiner: Slobodyansky  
For: Alpha-Amylase Mutants

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COMM. FOR PAT. & TRADEMARKS  
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AMENDMENT UNDER 37 C.F.R. 1.116

Box AF  
Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Action mailed May 18, 2001, please amend the above-captioned application as follows (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

IN THE CLAIMS:

Please cancel claims 93, 119, 127-187 without prejudice or disclaimer.

Please substitute the following amended claims for the pending claims having the same claim numbers:

61 113. (Twice Amended)      An alpha-amylase comprising an A domain, a C domain and a calcium binding site, wherein said calcium binding site is associated with said A domain and said C domain and comprises ligand residues in said A domain and/or said C domain, wherein said alpha-amylase is modified to alter the characteristics of said calcium binding site and thereby alter the performance of said alpha-amylase by substituting an amino acid residue at a